

Ref (Su)	MA1114 (5-2) Single Variable Calculus & Matrix Algebra	Physics, math, engineering, or computer science refresher course	EC1010 (1-1) Matlab (none)	IT1600 (4-2) Communication Skills (none)
Q1 (F)	MA1115 (5-2) Multivariable Calculus (MA1114)	MA2121 (5-0) Differential Equations (MA1114)	PH2203 (4-0) Waves & Optics (MA1115)	IT1500 (3-0) American Life & Institutions (none)
Q2 (W)	OS2103 (4-1) Applied Probability (MA 1115)	MA3139 (4-0) Fourier Analysis & PDEs (MA1115 & MA2121)	EO2102 (4-2) Intro to Circuits & Power Systems (MA2121)	EO2652 (4-1) Fields, Waves & EM Engineering (MA1115)
Q3 (Sp)	CS2971 (3-2) Intro to C++ Programming (none)	OS3003 (4-0) Operations Research for IW (OS2103)	EO3602 (4-2) Antennas & Propagation (EO2652)	EO2512 (4-0) Intro to Comms & CM (none)
Q4 (Su)	EO3512 (4-0) Communication Engineering (EO2512)	Approved Elective	EO4612 (4-2) Microwave Devices & Radar (EO3602)	CS3030 (4-0) Computer Arch & Operating Systems (CS2971)
Q5 (F)	EO4911 (2-0) Communications & Countermeasures (EO3512)	EC3700 (3-2) Network Centric Electronic Warfare I (EO2652 & OS2103)	OA3604 (4-0) Decision & Data Analysis (OS2103)	CS3600 (4-2) Computer Security (CS3030)
Q6 (W)	IW0810 (0-8) Thesis	IS3502 (3-2) Computer Networks (CS3030 & OS3003)	OA4603 (4-0) Test and Evaluation (OA3604)	MR3419 (4-0) Atmos. Factors for EM & EO (none)
Q7 (Sp)	IW0810 (0-8) Thesis	EC4690 (3-3) Network Centric Electronic Warfare II (EC3700)	EC4010 (3-2) Principles of Systems Engineering (Four quarters)	PH3204 (3-2) Electro-Optics & CM (PH2203 & EO2652)
Q8 (Su)	IW0810 (0-8) Thesis	IW0810 (0-8) Thesis	Approved Elective	PH4209 (3-2) EO/IR Systems & CM (PH3204)

Typical Electronic Warfare (596) Curriculum Matrix

(revised December 2005)